

1 ABSTRACT OF THE DISCLOSURE

2 Images are displayed on a wearable display by generating an inner region display
3 signal, and generating an outer region display signal using the inner region signal. The
4 outer region display signal is generated by determining motion, brightness and color
5 characteristics from the inner region display signal. The outer region is of substantially
6 lower resolution than the inner region, and is outside the viewer's foveal field of view. The
7 viewing experience is enhanced by the increase in the size of the image due to the presence
8 of the outer region. Because the outer region is outside of the foveal field of view, the
9 viewer of the image does not perceive the change in resolution of the outer region. An outer
10 region may alternatively be created by distorting a source image.

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